



Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
1131-0503PAPPLICATION NO.  
10/797,041APPLICANT  
Toshihiro HATAKEYAMAFILING DATE  
March 11, 2004GROUP  
1731

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | Kind | DATE       | NAME    | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|------|------------|---------|-------|--------------|-------------------------------|
| W                   | US 2001/0012723 | A1   | 2001-08-09 | Tanaka  |       |              |                               |
| W                   | US 3,560,630    |      | 1971-02-02 | Heather |       |              |                               |
| W                   | US 6,024,586    |      | 2000-02-15 | Kumagai |       |              |                               |
|                     | US              |      |            |         |       |              |                               |
|                     | US              |      |            |         |       |              |                               |
|                     | US              |      |            |         |       |              |                               |
|                     | US              |      |            |         |       |              |                               |
|                     | US              |      |            |         |       |              |                               |
|                     | US              |      |            |         |       |              |                               |
|                     | US              |      |            |         |       |              |                               |

## FOREIGN PATENT DOCUMENTS

|   | Office | DOCUMENT<br>NUMBER | Kind | DATE       | COUNTRY | CLASS | SUB<br>CLASS | TRANSLATION |    |
|---|--------|--------------------|------|------------|---------|-------|--------------|-------------|----|
|   |        |                    |      |            |         |       |              | YES         | NO |
| W | JP     | 7-161397           |      | 1995-06-23 | JAPAN   |       |              | Abs         |    |
| W | JP     | 11-26040           |      | 1999-01-29 | JAPAN   |       |              | Abs         |    |
| W | JP     | 4-87275            |      | 1992-03-19 | JAPAN   |       |              | Abs         |    |
|   |        |                    |      |            |         |       |              |             |    |
|   |        |                    |      |            |         |       |              |             |    |
|   |        |                    |      |            |         |       |              |             |    |
|   |        |                    |      |            |         |       |              |             |    |
|   |        |                    |      |            |         |       |              |             |    |
|   |        |                    |      |            |         |       |              |             |    |

## OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

|  |  |
|--|--|
|  |  |
|  |  |
|  |  |
|  |  |

EXAMINER

N. Allen

DATE CONSIDERED

10-27-05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|---|-----------------|--------------------|------|------------|--------------------------|-----------------------------------|-------------------------------|------------------------|---------------------|--|
| Form PTO-1449   |                 |                    |      |            |                          | ATTY. DOCKET NO.<br>1131-0503P    |                               | APPLICATION NO.<br>NEW |                     |  |
| INFORMATION DISCLOSURE CITATION<br>IN AN APPLICATION<br><br>(Use several sheets if necessary)   |                 |                    |      |            |                          | APPLICANT<br>Toshihiro HATAKEYAMA |                               |                        |                     |  |
|   |                 |                    |      |            |                          | FILING DATE<br>March 11, 2004     |                               |                        | GROUP<br>Unassigned |  |
| U.S. PATENT DOCUMENTS   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
| EXAMINER<br>INITIAL   | DOCUMENT NUMBER | Kind               | DATE | NAME       | CLASS                    | SUB<br>CLASS                      | FILING DATE<br>IF APPROPRIATE |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | US              |                    |      |            |                          |                                   |                               |                        |                     |  |
| FOREIGN PATENT DOCUMENTS  |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   | Office          | DOCUMENT<br>NUMBER | Kind | DATE       | COUNTRY                  | CLASS                             | SUB<br>CLASS                  | TRANSLATION            |                     |  |
|   | JP              | 2863981            | B2   | 1998-12-18 | JAPAN                    |                                   |                               | YES                    | NO                  |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
| OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
|   |                 |                    |      |            |                          |                                   |                               |                        |                     |  |
| EXAMINER  | N. [Signature]  |                    |      |            | DATE CONSIDERED 10-27-05 |                                   |                               |                        |                     |  |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.B.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.                                     |                 |                    |      |            |                          |                                   |                               |                        |                     |  |